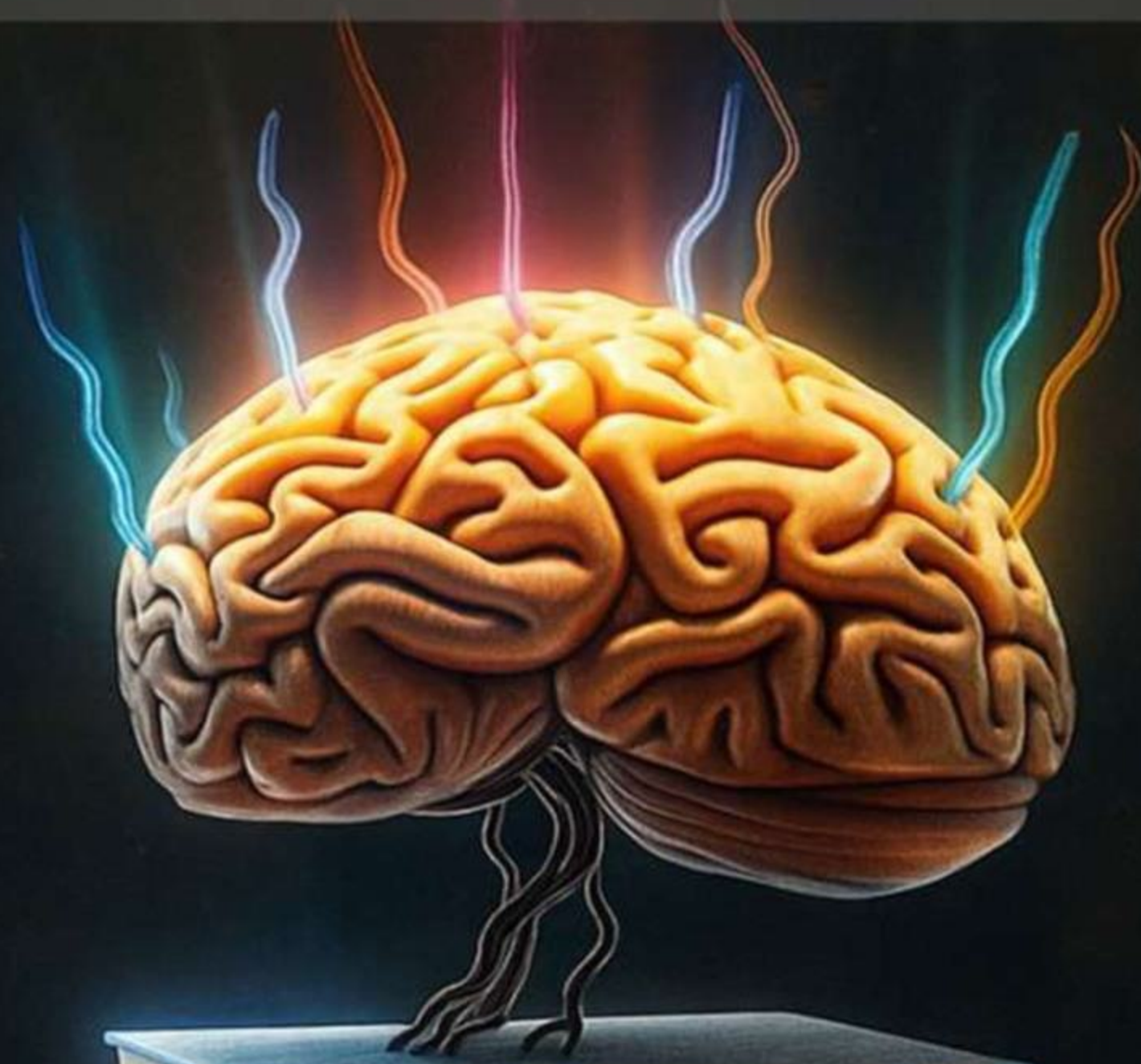


# ICT

## G7



# NOVEMBER 2026 REVISION



**Mr. Brain Academy**



+20 106 975 2133



## Q1: Choose the correct answer from a, b, c, or d.

- 1- The user name in an email address is .....
  - a. determining the user's nationality
  - b. to delete email messages
  - c. used to remove the email account
  - d. a unique and distinctive name that is not reserved by anyone else
- 2- The symbol @ in an email address .....
  - a. separates the user name from the domain name
  - b. is used to send and receive email messages
  - c. is used to create email messages
  - d. is an optional and non-essential symbol
- 3- Which of the following is considered a correct email address?
  - a. Ayman22\_2@gmail.com
  - b. zizo@mohamed
  - c. Omar2203\_4\$gmail.com
  - d. Tarek30#gmail.com
- 4- ..... is one of the advantages of using email.
  - a. Speed in sending and receiving messages
  - b. High cost
  - c. Spam
  - d. Informal communication tools
- 5- The importance of using the Gmail service is to .....
  - a. not allow us to communicate with others
  - b. communicate with government agencies only
  - c. access to many Google services
  - d. have difficulty in sending files
- 6- Email is a .....
  - a. manual communication system
  - b. digital communication system
  - c. direct communication system
  - d. virus system





- 7- Through email, you can ..... .
- a. delete files
  - b. use cloud computing applications
  - c. install programs
  - d. print files
- 8- One of the most important uses of email is ..... .
- a. to scan paper
  - b. to share information
  - c. cyberbullying
  - d. to delete files on your device
- 9- Email is considered ..... .
- a. one of the direct communication tools
  - b. one of the indirect communication tools
  - c. manual communication system
  - d. text file
- 10- One of the disadvantages of using email is ..... .
- a. speed
  - b. cost
  - c. ease
  - d. hacking
- 11- From email service providers is ..... .
- a. Gmail
  - b. Paint
  - c. Google Docs
  - d. YouTube
- 12- To get one of the Gmail services, you must create ..... .
- a. text file
  - b. "Google Account"
  - c. presentation file
  - d. "Google Meet"





- 13- To log out of your Gmail account, click on the ..... icon.
- Sign in
  - Sign out
  - Shut down
  - Close
- 14- ..... is one of the uses of cloud computing in the field of storage.
- Google Drive
  - Word
  - Excel
  - Telegram
- 15- ..... are the uses of cloud computing in the field of producing projects.
- Word processing programs
  - Spreadsheets
  - Both (a) and (b)
  - Video games
- 16- We use cloud computing in the field of education through .....
- messaging services
  - online shopping
  - Google Classroom
  - banking services
- 17- All the following are services provided by cloud computing in the field of entertainment except .....
- watching YouTube
  - video games
  - printing documents
  - music services
- 18- All the following are the steps of data processing and storage except .....
- data collection
  - data transfer
  - data processing
  - data hacking





- 19- Cloud computing is known as a model for providing .....
- a. presentations
  - b. digital services over the Internet
  - c. Google Docs
  - d. Google Classroom
- 20- The computer storage service is .....
- a. storing files and folders locally on the computer
  - b. storing files and folders over the Internet
  - c. sharing and exchanging files
  - d. Google Classroom
- 21- The software and application service over the Internet is known as .....
- a. enabling the use of software and applications over the Internet
  - b. enabling the use of software and applications without the Internet
  - c. sharing and exchanging files locally
  - d. email service
- 22- The service of sharing electronic resources via computing is known as .....
- a. computer storage
  - b. sharing files and folders locally on the computer
  - c. sharing and exchanging files with others over the Internet
  - d. email sharing
- 23- Communication is one of the areas of using cloud computing in daily life, and is done through .....
- a. Email
  - b. software and applications
  - c. computer storage
  - d. Google Sheets
- 24- Services for storing, sharing and accessing files at any time and from anywhere are called .....
- a. email
  - b. software and applications
  - c. computing storage
  - d. Google Sheets





- 25- We use cloud word processing programs such as .....
- a. Google Docs
  - b. Google Sheets
  - c. Google Classroom
  - d. Google Cloud Platform
- 26- We use cloud spreadsheets such as .....
- a. Google Docs
  - b. Google Sheets
  - c. Google Classroom
  - d. Google Cloud Platform
- 27- We use cloud collaboration tools such as .....
- a. Google Docs
  - b. Google Sheets
  - c. Google Classroom
  - d. Google Cloud Platform
- 28- The most famous cloud computing service providers are .....
- a. Google Docs
  - b. Google Sheets
  - c. Google Classroom
  - d. Google Cloud Platform
- 29- Google Meet" is .....
- a. audio-only service
  - b. voice-only service
  - c. storage service
  - d. video conferencing service
- 30- Through ..... you can make calls, group video, share screens, and chat.
- a. "Google Account"
  - b. "Google Docs"
  - c. "Google Meet"
  - d. "Google Drive"





- 31- To access the "Google Meet" service, you must have .....
- a. Yahoo account
  - b. Google account
  - c. Bank account
  - d. Electronic wallet
- 32- The "Google Meet" application is considered one of the ways of ..... communication.
- a. indirect
  - b. direct
  - c. slow
  - d. difficult
- 33- One of "Google Meet" features is .....
- a. sharing screens
  - b. talking at any time
  - c. indirect communication
  - d. slow communication for audio and video
- 34- ..... is one of general rules that must be followed during the meeting.
- a. Talking at any time
  - b. Listening, hearing and turning off the microphone
  - c. Giving the meeting link to anyone
  - d. Leaving before the end of the meeting
- 35- To invite others to a Google Meet meeting, you must send them .....
- a. meeting address
  - b. meeting link
  - c. meeting image
  - d. your home address
- 36- To create a meeting next week through Google Meet, you choose .....
- a. Start an instant meeting
  - b. Meeting for a later time
  - c. Stop sharing the presentation
  - d. Sharing screens





- 37- You have been invited to a Google Meet meeting, to join the meeting you must click on .....
- a. meeting address
  - b. meeting link
  - c. meeting image
  - d. your home address
- 38- When you are invited to a meeting through a link, you must .....
- a. not send the meeting link to others
  - b. speak without permission
  - c. send the meeting link to anyone
  - d. leave the meeting
- 39- When you finish showing your screen during the meeting, you must click .....
- a. Do not send the meeting link to others
  - b. Talk without permission
  - c. Stop sharing the presentation
  - d. Share screens
- 40- During a "Google Meet" meeting, and to organize the meeting, when speaking, you must .....
- a. speak at any time
  - b. raise your hand
  - c. leave the meeting
  - d. send the meeting link to others
- 41- To help organize sessions, talk and intervene in an organized and smooth manner .....
- a. leave the meeting
  - b. listen to the speaker
  - c. speak at any time
  - d. open the microphone





**Q2: Put (✓) or (X) for the following sentences.**

- 1- The domain name is a unique and distinctive name that is not reserved by anyone else. ( )
- 2- Emails contribute to faster communication. ( )
- 3- Emails can be hacked by hackers. ( )
- 4- Emails contribute to reducing communication costs. ( )
- 5- Gmail is a free service for creating email. ( )
- 6- Cloud computing can be used in multiple fields such as education, health, and entertainment. ( )
- 7- Cloud computing works on processing data easily. ( )
- 8- You cannot collaborate and communicate with others using cloud computing. ( )
- 9- The Google Meet application can be used to share files. ( )
- 10- Google Meet service allows users to create collaborative projects. ( )
- 11- You can turn off the audio during a "Google Meet" meeting by clicking on "Turn off the microphone." ( )
- 12- You can access a Google Meet meeting through the meeting link. ( )

**Q3: Complete the following sentences.**

- 1- ..... provides service for creating email.
- 2- Email is one of the tools of ..... communication.
- 3- ..... is the part that located at the beginning of the email address.
- 4- ..... separates the user name from the email server used.
- 5- ..... is used to access email on Google.
- 6- Cloud computing helps reduce material costs because .....
- 7- Cloud computing can be used in ..... by using word processing programs
- 8- Cloud computing can be used in ..... , such as transferring money and paying bills.





- 9- You can send a message to other participants in a Google Meet meeting through .....
- 10- One of the tips for a successful Google Meet meeting is .....
- 11- To access the Google Meet application, you must have .....
- 12- The Google Meet service allows users to .....

**Q4: Answer the following questions**

1- Read and answer: The email address consists of:

1. ....
2. ....
3. ....

2- Write 3 areas of using cloud computing in daily life:

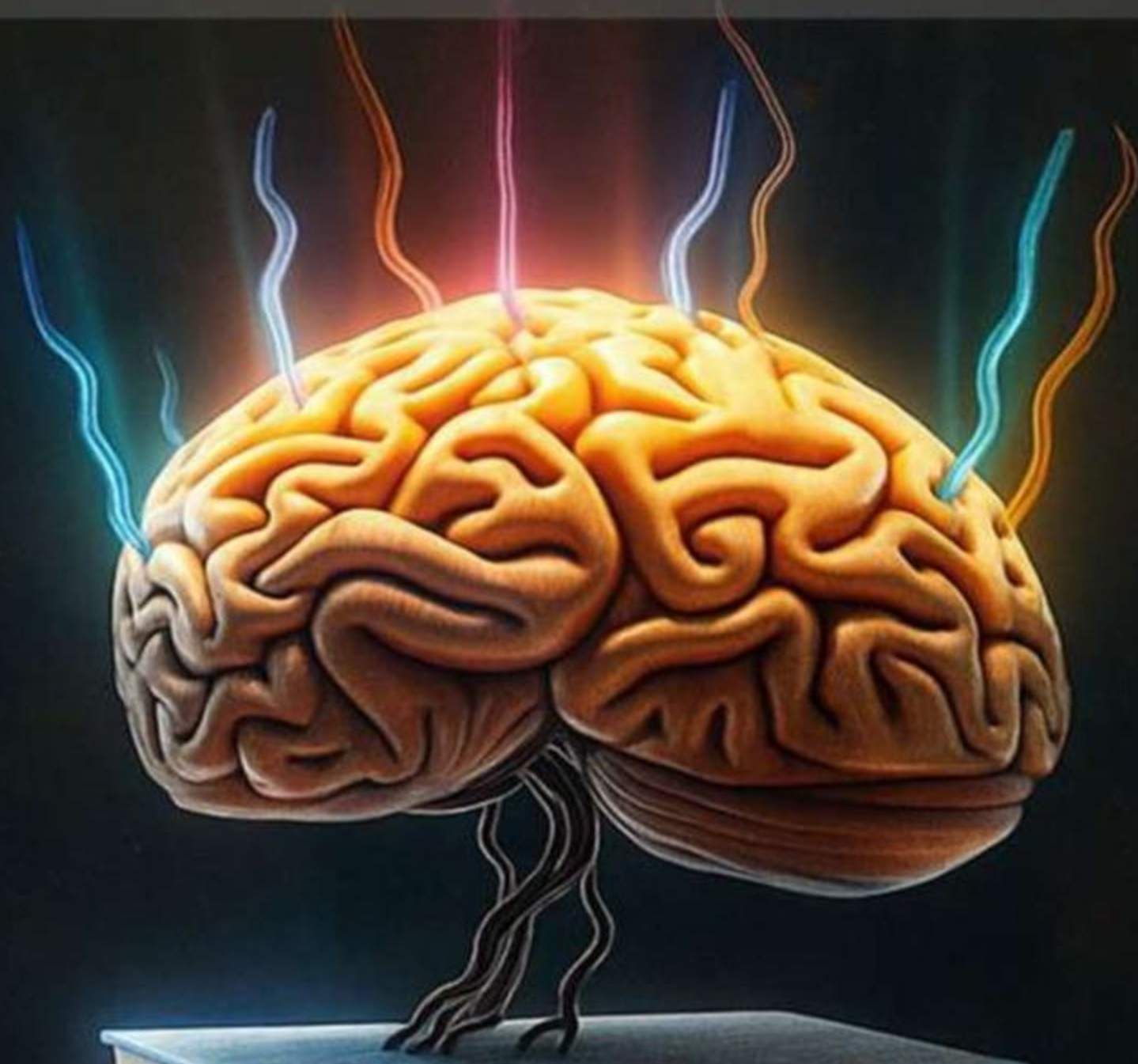
1. ....
2. ....
3. ....





# ICT

## G7



# NOVEMBER 2026 REVISION



**Mr. Brain Academy**



+20 106 975 2133



## Q1: Choose the correct answer from a, b, c, or d.

- 1- The user name in an email address is .....
  - a. determining the user's nationality
  - b. to delete email messages
  - c. used to remove the email account
  - d. a unique and distinctive name that is not reserved by anyone else
- 2- The symbol @ in an email address .....
  - a. separates the user name from the domain name
  - b. is used to send and receive email messages
  - c. is used to create email messages
  - d. is an optional and non-essential symbol
- 3- Which of the following is considered a correct email address?
  - a. Ayman222@gmail.com
  - b. zizo@mohamed
  - c. Omar22034\$gmail.com
  - d. Tarek30#gmail.com
- 4- ..... is one of the advantages of using email.
  - a. Speed in sending and receiving messages
  - b. High cost
  - c. Spam
  - d. Informal communication tools
- 5- The importance of using the Gmail service is to .....
  - a. not allow us to communicate with others
  - b. communicate with government agencies only
  - c. access to many Google services
  - d. have difficulty in sending files
- 6- Email is a .....
  - a. manual communication system
  - b. digital communication system
  - c. direct communication system
  - d. virus system





- 7- **Through email, you can .....**
- a. delete files
  - b. use cloud computing applications
  - c. install programs
  - d. print files
- 8- **One of the most important uses of email is .....**
- a. to scan paper
  - b. to share information
  - c. cyberbullying
  - d. to delete files on your device
- 9- **Email is considered .....**
- a. one of the direct communication tools
  - b. one of the indirect communication tools
  - c. manual communication system
  - d. text file
- 10- **One of the disadvantages of using email is .....**
- a. speed
  - b. cost
  - c. ease
  - d. hacking
- 11- **From email service providers is .....**
- a. Gmail
  - b. Paint
  - c. Google Docs
  - d. YouTube
- 12- **To get one of the Gmail services, you must create .....**
- a. text file
  - b. "Google Account"
  - c. presentation file
  - d. "Google Meet"
- 13- **To log out of your Gmail account, click on the ..... icon.**
- a. Sign in
  - b. Sign out
  - c. Shut down
  - d. Close





- 14- ..... is one of the uses of cloud computing in the field of storage.
- a. Google Drive
  - b. Word
  - c. Excel
  - d. Telegram
- 15- ..... are the uses of cloud computing in the field of producing projects.
- a. Word processing programs
  - b. Spreadsheets
  - c. Both (a) and (b)
  - d. Video games
- 16- We use cloud computing in the field of education through .....
- a. messaging services
  - b. online shopping
  - c. Google Classroom
  - d. banking services
- 17- All the following are services provided by cloud computing in the field of entertainment except .....
- a. watching YouTube
  - b. video games
  - c. printing documents
  - d. music services
- 18- All the following are the steps of data processing and storage except .....
- a. data collection
  - b. data transfer
  - c. data processing
  - d. data hacking
- 19- Cloud computing is known as a model for providing .....
- a. presentations
  - b. digital services over the Internet
  - c. Google Docs
  - d. Google Classroom





- 20- **The computer storage service is .....**  
a. storing files and folders locally on the computer  
b. storing files and folders over the Internet  
c. sharing and exchanging files  
d. Google Classroom
- 21- **The software and application service over the Internet is known as .....**  
a. enabling the use of software and applications over the Internet  
b. enabling the use of software and applications without the Internet  
c. sharing and exchanging files locally  
d. email service
- 22- **The service of sharing electronic resources via computing is known as .....**  
a. computer storage  
b. sharing files and folders locally on the computer  
c. sharing and exchanging files with others over the Internet  
d. email sharing
- 23- **Communication is one of the areas of using cloud computing in daily life, and is done through .....**  
a. Email  
b. software and applications  
c. computer storage  
d. Google Sheets
- 24- **Services for storing, sharing and accessing files at any time and from anywhere are called .....**  
a. email  
b. software and applications  
c. computing storage  
d. Google Sheets
- 25- **We use cloud word processing programs such as .....**  
a. Google Docs  
b. Google Sheets  
c. Google Classroom  
d. Google Cloud Platform





26- **We use cloud spreadsheets such as .....**

- a. Google Docs
- b. Google Sheets
- c. Google Classroom
- d. Google Cloud Platform

27- **We use cloud collaboration tools such as .....**

- a. Google Docs
- b. Google Sheets
- c. Google Classroom
- d. Google Cloud Platform

28- **The most famous cloud computing service providers are .....**

- a. Google Docs
- b. Google Sheets
- c. Google Classroom
- d. Google Cloud Platform

29- **"Google Meet" is .....**

- a. audio-only service
- b. voice-only service
- c. storage service
- d. video conferencing service

30- **Through ..... you can make calls, group video, share screens, and chat.**

- a. "Google Account"
- b. "Google Docs"
- c. "Google Meet"
- d. "Google Drive"

31- **To access the "Google Meet" service, you must have .....**

- a. Yahoo account
- b. Google account
- c. Bank account
- d. electronic wallet





- 32- The "Google Meet" application is considered one of the ways of ..... communication.
- a. indirect
  - b. direct
  - c. slow
  - d. difficult
- 33- One of "Google Meet" features is .....
- a. sharing screens
  - b. talking at any time
  - c. indirect communication
  - d. slow communication for audio and video
- 34- ..... is one of general rules that must be followed during the meeting.
- a. Talking at any time
  - b. Listening, hearing and turning off the microphone
  - c. Giving the meeting link to anyone
  - d. Leaving before the end of the meeting
- 35- To invite others to a Google Meet meeting, you must send them .....
- a. meeting address
  - b. meeting link
  - c. meeting image
  - d. your home address
- 36- To create a meeting next week through Google Meet, you choose .....
- a. Start an instant meeting
  - b. Meeting for a later time
  - c. Stop sharing the presentation
  - d. Sharing screens
- 37- You have been invited to a Google Meet meeting, to join the meeting you must click on .....
- a. meeting address
  - b. meeting link
  - c. meeting image
  - d. your home address





38- **When you are invited to a meeting through a link, you must**

.....

- a. not send the meeting link to others
- b. speak without permission
- c. sends the meeting link to anyone
- d. leave the meeting

39- **When you finish showing your screen during the meeting, you must click .....**

- a. Do not send the meeting link to others
- b. Talk without permission
- c. Stop sharing the presentation
- d. Share screens

40- **During a "Google Meet" meeting, and to organize the meeting, when speaking, you must .....**

- a. speak at any time
- b. raise your hand
- c. leave the meeting
- d. send the meeting link to others

41- **To help organize sessions, talk and intervene in an organized and smooth manner .....**

- a. leave the meeting
- b. listen to the speaker
- c. speak at any time
- d. open the microphone

**Q2: Put (✓) or (X) for the following sentences.**

- 1- The domain name is a unique and distinctive name that is not reserved by anyone else. (F)
- 2- Emails contribute to faster communication. (T)
- 3- Emails can be hacked by hackers. (T)
- 4- Emails contribute to reducing communication costs. (T)
- 5- Gmail is a free service for creating email. (T)
- 6- Cloud computing can be used in multiple fields such as education, health, and entertainment. (T)





- 7- Cloud computing works on processing data easily. (T)
- 8- You cannot collaborate and communicate with others using cloud computing. (F)
- 9- The Google Meet application can be used to share files. (F)
- 10- Google Meet service allows users to create collaborative projects. (F)
- 11- You can turn off the audio during a "Google Meet" meeting by clicking on "Turn off the microphone." (T)
- 12- You can access a Google Meet meeting through the meeting link. (T)

### Q3: Complete the following sentences.

- 1- ...**Gmail**..... provides service for creating email.
- 2- Email is one of the tools of ....**indirect**..... communication.
- 3- .....**username**..... is the part that located at the beginning of the email address.
- 4- .....**@ symbol**..... separates the user name from the email server used.
- 5- .....**Google account**..... is used to access email on Google.
- 6- Cloud computing helps reduce material costs because **.you do not need to own a computer or mobile phone with high specifications** .....
- 7- Cloud computing can be used in **.producing projects**..... by using word processing programs
- 8- Cloud computing can be used in ...**online banking**....., such as transferring money and paying bills.
- 9- You can send a message to other participants in a Google Meet meeting through ....**in call messages**..... .
- 10- One of the tips for a successful Google Meet meeting is **.raise hand when asking**..... .
- 11- To access the Google Meet application, you must have .... **google account**..... .
- 12- The Google Meet service allows users to .... **conduct group video calls**..... .





## Q4: Answer the following questions

1- Read and answer: The email address consists of:

1. ....username.....
2. ....symbol @.....
3. ....Domain name.....

2- Write 3 areas of using cloud computing in daily life:

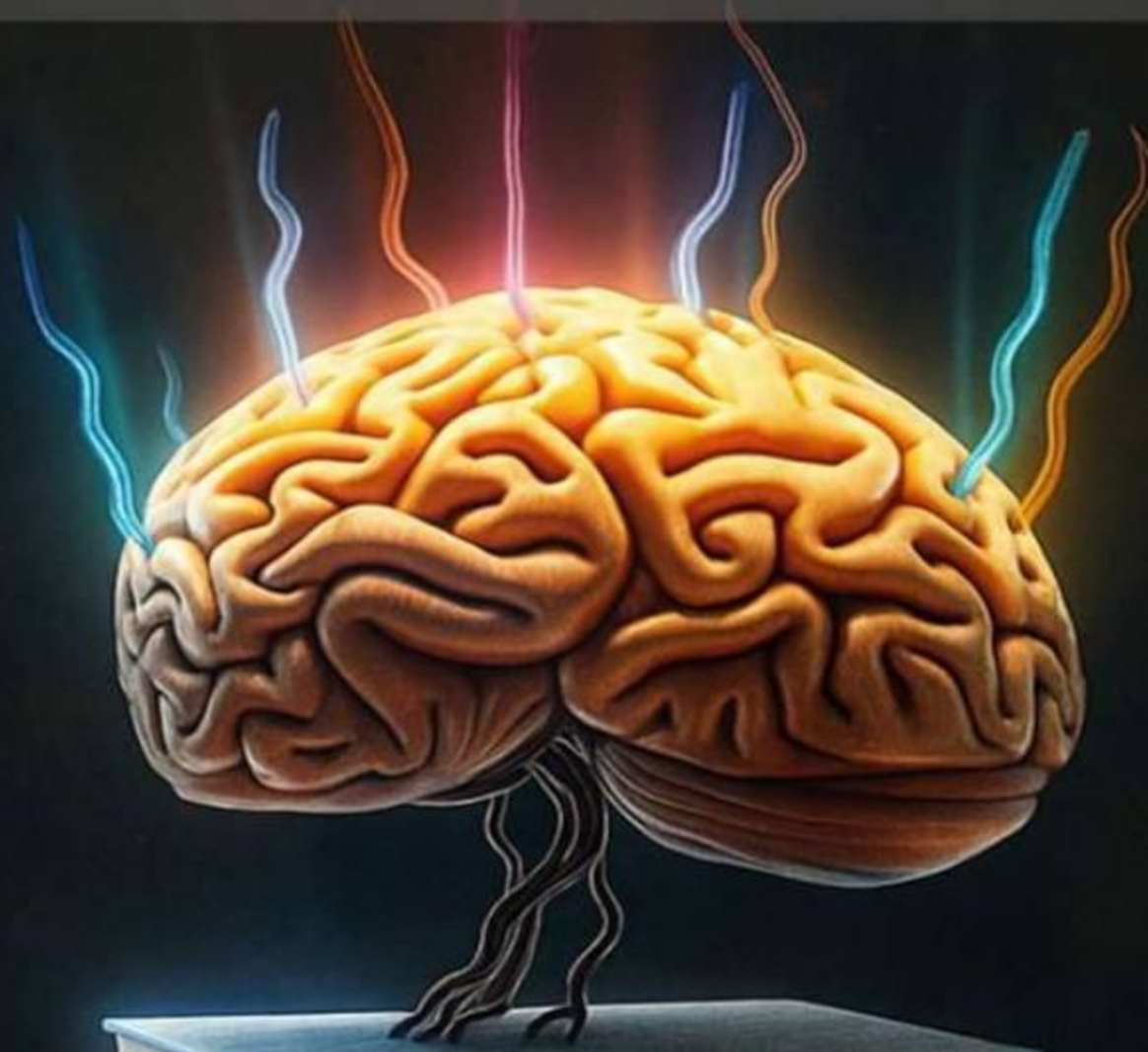
1. ....Communication.....
2. ....Education.....
3. ....Entertainment.....





# ICT

## G8



# NOVEMBER 2026 REVISION



**Mr. Brain Academy**



+20 106 975 2133



## Question1: Choose the correct answer

1. Data \_\_\_\_\_ is the first stage of big data processing.
  - a. storage
  - b. collection
  - c. cleaning
  - d. analysis
2. Which of the following creates algorithms that mimic human intelligence?
  - a. AI
  - b. Physics
  - c. Biology
  - d. History
3. Removing errors and duplication is called data \_\_\_\_\_.
  - a. storage
  - b. analysis
  - c. cleaning
  - d. extraction
4. In big data processing, \_\_\_\_\_ comes next after data analysis.
  - a. data collection
  - b. data cleaning
  - c. information extraction
  - d. data storage
5. Big data storage usually happens in \_\_\_\_\_.
  - a. clouds
  - b. servers
  - c. USB
  - d. a or b





6. \_\_\_\_\_ creates algorithms that mimic human intelligence.

- a. AI
- b. IoT
- c. E-commerce
- d. None of them

7. Predicting future weather using big data is an example of \_\_\_\_\_.

- a. cybersecurity
- b. machine learning
- c. NLP
- d. cleaning

8. \_\_\_\_\_ platforms use big data to adjust prices and improve sales.

- a. E-commerce
- b. AI
- c. Cybersecurity
- d. None of them

9. A machine learning model trained on more data will usually \_\_\_\_\_.

- a. learn slower
- b. be less accurate
- c. be more accurate
- d. forget patterns

10. NLP applications require processing \_\_\_\_\_.

- a. images
- b. text datasets
- c. maps
- d. audio only





11. Big data improves AI by reducing the \_\_\_\_\_.

- a. cost
- b. collection
- c. storage
- d. overfitting

12. Predicting customer behavior with AI is called

- a. cleaning
- b. extraction
- c. predictive analytics
- d. storage

13. Which best describes the relationship between big data and AI?

- a. AI creates raw data.
- b. Big data depends on AI fully.
- c. Big data feeds AI, and AI extracts value.
- d. They are unrelated.

14. What is the primary focus of User Experience (UX) design?

- a. The visual appeal of the design.
- b. The website's loading speed.
- c. The colors and fonts used in the design.
- d. The usability and effectiveness of the product.

15. What is the primary focus of User Interface (UI) design?

- a. Ease of navigation within the application.
- b. User satisfaction with the product.
- c. The visual appeal of the product.
- d. The logical organization of information.





16.If an app or website is easy to use, it leads to user \_\_\_\_\_.

- a. Frustration
- b. Confusion
- c. Satisfaction
- d. Abandonment

17.Which of the following is a fundamental principle of User Experience (UX) design?

- a. Using decorative fonts to attract attention.
- b. Providing clear and easy navigation for the user.
- c. Using as many colors as possible.
- d. Placing as much information on a single page as possible.

18.Presenting information in an easy-to-understand way refers to interface \_\_\_\_\_.

- a. consistency
- b. navigation
- c. clarity
- d. responsiveness

19.Which of the following is a fundamental principle of User Interface (UI) design?

- a. Making all buttons the same size and shape.
- b. Choosing colors that are consistent and pleasing to the eye.
- c. Providing multiple ways to accomplish the same task.
- d. Ensure that all text is unreadable.

20.What does the principle of “consistency” mean in UX/UI design?

- a. Using different elements on each page to make it stand out.
- b. Maintaining a consistent style for elements throughout the product.
- c. Changing the website design frequently to keep users interested.
- d. Using random fonts and colors.





21. Why is usability important in UX design?

- a. To make the design look more professional.
- b. To increase user satisfaction and interaction with the product.
- c. To reduce the cost of product development.
- d. To make the product run faster.

22. A main menu with clear buttons is an example of good \_\_\_\_\_.

- a. navigation design
- b. confusing navigation
- c. unorganized items
- d. inconsistent colors

23. Why is visual appeal important in UI design?

- a. To make the product easy to use.
- b. To leave a good first impression with the user.
- c. To better organize information.
- d. To make the product compatible with all devices.

24. Interface fonts should be \_\_\_\_\_.

- a. complex and decorative
- b. small and ornate
- c. legible and appropriate to context
- d. difficult to read

25. Which of the following examples illustrates a confusing navigation design?

- a. A main menu with clear buttons.
- b. A search bar in a prominent location.
- c. A list of overlapping, unorganized items.
- d. Clear links at the end of the page.





26.The design that makes using a website easy and convenient is \_\_\_\_\_.

- a. User Experience (UX)
- b. User Interface (UI)
- c. Web page format
- d. digital project

27.Which of the following examples illustrates the use of inconsistent colors in UI design?

- a. Using simple color gradients.
- b. Using many bright, different colors randomly.
- c. Using complementary colors from the color wheel.
- d. Using white as the primary color with a muted secondary color.





## Question 2 Put true or false

- 1- Big data has no role in the development and effectiveness of artificial intelligence. ()
- 2- AI technologies help in processing and analyzing big data. ()
- 3- One of the stages of big data processing is data cleaning. ()
- 4- The data collection stage is the process of collecting large amounts of data from various sources. ()
- 5- The process of processing big data does not require storing that data. ()
- 6- Data cleaning means dealing with errors, duplication, or incorrect data. ()
- 7- Data analysis occurs using advanced tools and techniques, such as artificial intelligence. ()
- 8- Information extraction takes place before data analysis. ()
- 9- E-commerce platforms rely on big data to understand the customer behavior. ()
- 10- Big data does not allow models to be trained on a wide range of scenarios and conditions. ()
- 11- Computer vision applications, such as face recognition and object detection, do not require massive datasets of images and videos to train their models. ()
- 12- The role of big data in AI is to improve accuracy and performance and enable AI application ()
- 13- User Experience (UX) design focuses primarily on the appearance of the product, not how it is used. ()
- 14- User Interface (UI) design is concerned with making the product easy to use and effective. ( )
- 15- One of the principles of UX design is to provide clear and easy navigation for the user. ( )
- 16- Using decorative fonts extensively improves the legibility of text in UI design. ( )





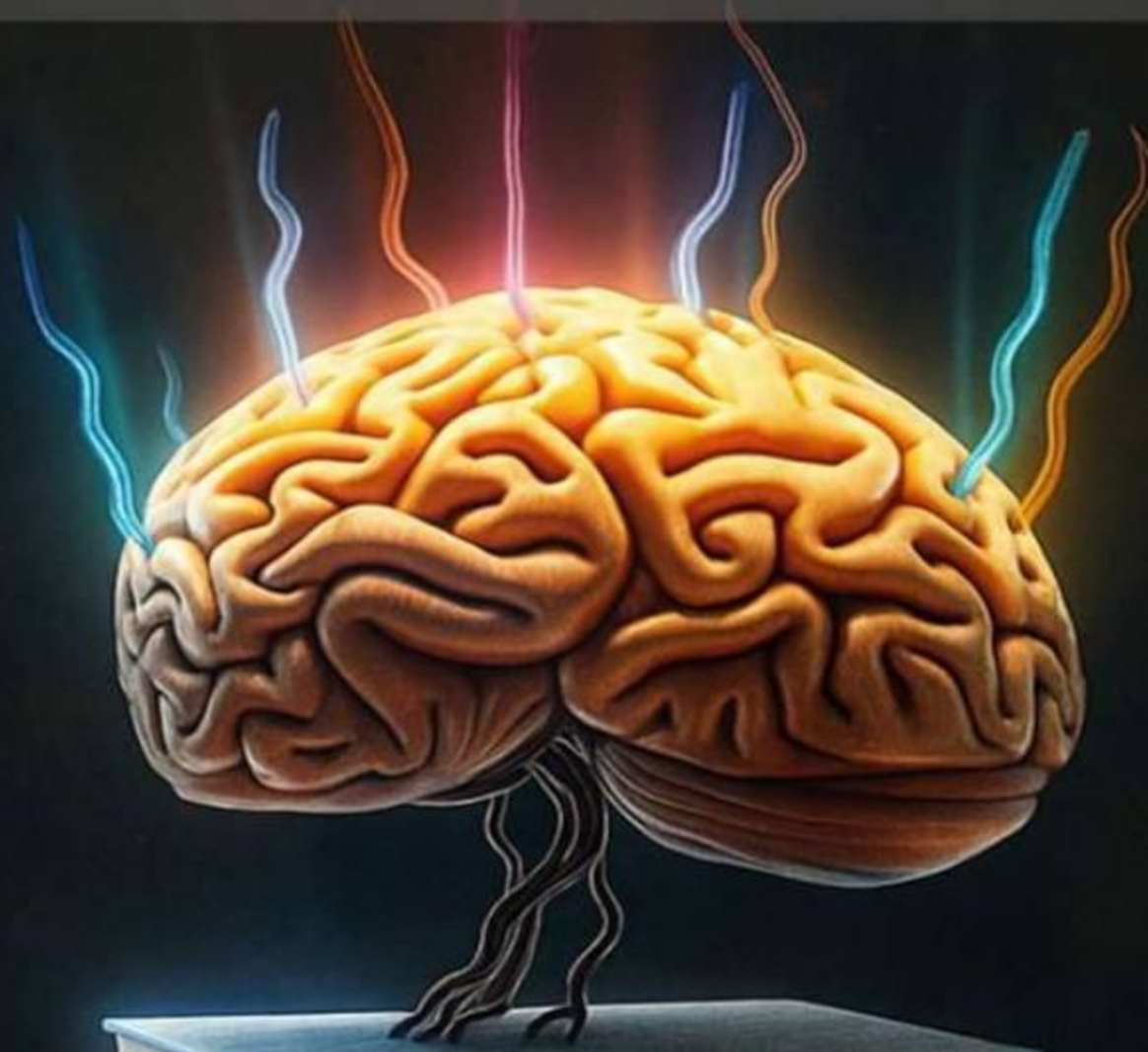
- 17- Consistency in design means using the same style for elements throughout the product. ( )
- 18- Ease of use does not affect user satisfaction with the digital product. ( )
- 19- The visual appeal of UI can affect the user's first impression. ( )
- 20- A main menu with clear buttons is an example of a good navigation design. ( )
- 21- Using many different colors improves the aesthetics of the design. ( )
- 22- User Experience (UX) is a design process aimed at making a digital product easy, useful, and enjoyable to use for the user. ( )
- 23- User Interface (UI) is the process of designing the visual elements of an application or website in an attractive, organized, and easy-to-understand manner. ( )
- 24- Clashing colors can make your site easy to read and visually distracting. ( )
- 25- A principle in UX design refers to the importance of helping the user easily find what they are looking for within a product. ( )
- 26- A principle in UI design refers to the importance of choosing harmonious and pleasing colors. ( )
- 27- If the app buttons are too small to be easily pressed, this indicates a UX design problem. ( )





# ICT

## G8



# NOVEMBER 2026 REVISION



**Mr. Brain Academy**



+20 106 975 2133



## Question1: Choose the correct answer.

1. Data \_\_\_\_\_ is the first stage of big data processing.
  - a. storage
  - b. collection
  - c. cleaning
  - d. analysis
2. Which of the following creates algorithms that mimic human intelligence?
  - a. AI
  - b. Physics
  - c. Biology
  - d. History
3. Removing errors and duplication is called data \_\_\_\_\_.
  - a. storage
  - b. analysis
  - c. cleaning
  - d. extraction
4. In big data processing, \_\_\_\_\_ comes next after data analysis.
  - a. data collection
  - b. data cleaning
  - c. information extraction
  - d. data storage
5. Big data storage usually happens in \_\_\_\_\_.
  - a. clouds
  - b. servers
  - c. USB
  - d. a or b





6. \_\_\_\_\_ creates algorithms that mimic human intelligence.

- a. AI
- b. IoT
- c. E-commerce
- d. None of them

7. Predicting future weather using big data is an example of \_\_\_\_\_.

- a. cybersecurity
- b. machine learning
- c. NLP
- d. cleaning

8. \_\_\_\_\_ platforms use big data to adjust prices and improve sales.

- a. E-commerce
- b. AI
- c. Cybersecurity
- d. None of them

9. A machine learning model trained on more data will usually \_\_\_\_\_.

- a. learn slower
- b. be less accurate
- c. be more accurate
- d. forget patterns

10. NLP applications require processing \_\_\_\_\_.

- a. images
- b. text datasets
- c. maps
- d. audio only





11. Big data improves AI by reducing the \_\_\_\_\_.

- a. cost
- b. collection
- c. storage
- d. overfitting

12. Predicting customer behavior with AI is called

- a. cleaning
- b. extraction
- c. predictive analytics
- d. storage

13. Which best describes the relationship between big data and AI?

- a. AI creates raw data.
- b. big data depends on AI fully.
- c. big data feeds AI, and AI extracts value.
- d. They are unrelated.

14. What is the primary focus of User Experience (UX) design?

- a. The visual appeal of the design.
- b. The website's loading speed.
- c. The colors and fonts used in the design.
- d. The usability and effectiveness of the product.

15. What is the primary focus of User Interface (UI) design?

- a. Ease of navigation within the application.
- b. User satisfaction with the product.
- c. The visual appeal of the product.
- d. The logical organization of information.





16.If an app or website is easy to use, it leads to user \_\_\_\_\_.

- a. Frustration
- b. Confusion
- c. Satisfaction
- d. Abandonment

17.Which of the following is a fundamental principle of User Experience (UX) design?

- a. Using decorative fonts to attract attention.
- b. Providing clear and easy navigation for the user.
- c. Using as many colors as possible.
- d. Placing as much information on a single page as possible.

18.Presenting information in an easy-to-understand way refers to interface \_\_\_\_\_.

- a. consistency
- b. navigation
- c. clarity
- d. responsiveness

19.Which of the following is a fundamental principle of User Interface (UI) design?

- a. Making all buttons the same size and shape.
- b. Choosing colors that are consistent and pleasing to the eye.
- c. Providing multiple ways to accomplish the same task.
- d. Ensure that all text is unreadable.

20.What does the principle of “consistency” mean in UX/UI design?

- a. Using different elements on each page to make it stand out.
- b. Maintaining a consistent style for elements throughout the product.
- c. Changing the website design frequently to keep users interested.
- d. Using random fonts and colors.





21. Why is usability important in UX design?

- a. To make the design look more professional.
- b. To increase user satisfaction and interaction with the product.
- c. To reduce the cost of product development.
- d. To make the product run faster.

22. A main menu with clear buttons is an example of good \_\_\_\_\_.

- a. navigation design
- b. confusing navigation
- c. unorganized items
- d. inconsistent colors.

23. Why is visual appeal important in UI design?

- a. To make the product easy to use.
- b. To leave a good first impression with the user.
- c. To better organize information.
- d. To make the product compatible with all devices.

24. Interface fonts should be \_\_\_\_\_.

- a. complex and decorative
- b. small and ornate
- c. legible and appropriate to context
- d. difficult to read

25. Which of the following examples illustrates a confusing navigation design?

- a. A main menu with clear buttons.
- b. A search bar in a prominent location.
- c. A list of overlapping, unorganized items.
- d. Clear links at the end of the page.





26.The design that makes using a website easy and convenient is \_\_\_\_\_.

- a. User Experience (UX)
- b. User Interface (UI)
- c. Web page format
- d. digital project

27.Which of the following examples illustrates the use of inconsistent colors in UI design?

- a. Using simple color gradients.
- b. Using many bright, different colors randomly.
- c. Using complementary colors from the color wheel.
- d. Using white as the primary color with a muted secondary color.





## Question 2 Put true or false.

- 1- Big data has no role in the development and effectiveness of artificial intelligence. (F)
- 2- AI technologies help in processing and analyzing big data. (T)
- 3- One of the stages of big data processing is data cleaning. (T)
- 4- The data collection stage is the process of collecting large amounts of data from various sources. (T)
- 5- The process of processing big data does not require storing that data. (F)
- 6- Data cleaning means dealing with errors, duplication, or incorrect data. (T)
- 7- Data analysis occurs using advanced tools and techniques, such as artificial intelligence. (T)
- 8- Information extraction takes place before data analysis. (F)
- 9- E-commerce platforms rely on big data to understand the customer behavior. (T)
- 10- Big data does not allow models to be trained on a wide range of scenarios and conditions. (F)
- 11- Computer vision applications, such as face recognition and object detection, do not require massive datasets of images and videos to train their models. (F)
- 12- The role of big data in AI is to improve accuracy and performance and enable AI application (T)
- 13- User Experience (UX) design focuses primarily on the appearance of the product, not how it is used. (F)
- 14- User Interface (UI) design is concerned with making the product easy to use and effective. (F)
- 15- One of the principles of UX design is to provide clear and easy navigation for the user. (T)
- 16- Using decorative fonts extensively improves the legibility of text in UI design. (F)





- 17- Consistency in design means using the same style for elements throughout the product. (T)
- 18- Ease of use does not affect user satisfaction with the digital product. (F)
- 19- The visual appeal of UI can affect the user's first impression. (T)
- 20- A main menu with clear buttons is an example of a good navigation design. (T)
- 21- Using many different colors improves the aesthetics of the design. (F)
- 22- User Experience (UX) is a design process aimed at making a digital product easy, useful, and enjoyable to use for the user. (T)
- 23- User Interface (UI) is the process of designing the visual elements of an application or website in an attractive, organized, and easy-to-understand manner. (T)
- 24- Clashing colors can make your site easy to read and visually distracting. (F)
- 25- A principle in UX design refers to the importance of helping the user easily find what they are looking for within a product. (T)
- 26- A principle in UI design refers to the importance of choosing harmonious and pleasing colors. (T)
- 27- If the app buttons are too small to be easily pressed, this indicates a UX design problem. (F)

